INSTRUCTIONS

NEONXA 10-14 VDC WATER PROOF DRIVER

REV 12/94

IMPORTANT PLEASE READ

BALLASTED RETURN LEAD FOR GROUNDING END ELECTRODE OF SHORT DISPLAYS

BALLASTED RETURN LEAD FOR GROUNDING END ELECTRODE

1. Install display tube as required for particular application. SEE OPERATION CHART.

2. Place unit as near to the end of longest tube as possible. Mount via holes in metal bracket.

3. Connect output to display "electrode". Note to properly seal the splice as moisture may cause insulation tracking that will cause system failure.

   If you are using two series connected tubes, connect together using shortest GT lead. See FIG on securing this lead.

4. Connect grounded end of display using ballasted return lead. If over 8 feet you may ground directly for maximum brightness. Note step 6 when omitting ballasted lead.

5. Connect +12 to 14 VDC to red lead and connect black lead to ground or negative 12 VDC.

6. IMPORTANT - Allow system to run for several hours WITH CAR RUNNING and note that unit is not hot.
I. TWO 15mm MERCURY ARGON TUBES IN SERIES AS SHOWN.

IF YOUR DISPLAY TOTALS LESS THAN 8' IT MAY BE NECESSARY TO GROUND END ELECTRODE THRU THE INCLUDED "BALLASTED RETURN LEAD" TO OBTAIN MAX BRIGHTNESS AND COOL OPERATION. SIMPLY USE THIS LEAD IN PLACE OF A NORMAL GROUNDING LEAD. 3 TO 5 GT CABLE SHORTER TUBE FOR FRONT OF REAR SEE STEP 4 ON BALLAST LEAD

INTERCONNECTING GT CABLE OF LONG LENGTHS MAY CAPACITIVELY LOAD DOWN THE DISPLAY. ALWAYS ATTEMPT TO KEEP AS FAR AWAY FROM METAL AS POSSIBLE. A SLEEVE OF PLASTIC TUBING WILL HELP ALONG WITH SECURING AS SHOWN BELOW.

II. SINGLE OR SHORT NEON TUBE UP TO 6'.

SPECIAL NOTE: SINGLE TUBE NEON GAS LESS THAN 6' USE BALLASTED LEAD AS IN ABOVE DISPLAY

NOTE THE NEON GA MAY POWER (2) SHORT NEON TUBES IF TOTAL FOOTAGE IS LESS THAN 6.

III. PARALLEL OPERATION TWO TUBES

SPLICE-USE HV GRO WIRE & SEAL AGAINST MOISTURE CENTRALLY LOCATE UNDER VEHICLE 3 TO 4' OF NEON OR 4 TO 5' ARGON/HG

BALLASTED GROUNDIN LEADS USED IN PLACE OF GROUND RETURN WIRES